

Table A-3.0.1. Information Sector Services (NAICS 51)—Estimated Coefficients of Variation for Revenue for Employer and Nonemployer Firms: 2001 and 2002

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents. Estimates for 2001 are revised to reflect the latest administrative data for nonemployers]

NAICS code	Kind of business	2002	2001	Year to Year ratio 2002/2001
51	Information	0.6	^r0.7	0.4
511	Publishing industries	1.6	^r 1.6	0.3
5111	Newspaper, periodical, book, database, and other publishers	0.7	0.7	0.4
51111	Newspaper publishers	0.7	^r 0.7	0.4
51112	Periodical publishers	1.3	1.3	0.5
51113	Book publishers	1.4	1.3	0.6
51114	Database and directory publishers	1.5	1.6	0.4
51119	Other publishers	3.7	^r 4.3	2.6
511191	Greeting card publishers	3.7	^r 3.3	0.5
511199	All other publishers	5.9	^r 7.6	4.4
5112	Software publishers	4.2	4.1	0.9
512	Motion picture and sound recording industries	2.2	^r 2.7	0.8
5121	Motion picture and video	2.8	3.4	0.9
5121x	Motion picture and video production and distribution ¹	3.7	4.5	1.3
51213	Motion picture and video exhibition	4.7	4.5	1.8
51219	Postproduction services and other motion picture and video industries	14.1	^r 14.1	1.9
512191	Teleproduction and other postproduction services	13.8	^r 14.4	2.5
512199	Other motion picture and video industries	20.2	^r 18.6	6.0
5122	Sound recording	0.6	^r 0.4	0.3
51221	Record production	6.6	^r 8.8	2.1
51222	Integrated record production/distribution	0.2	0.2	0.2
51223	Music publishers	2.4	1.8	1.0
51224	Sound recording studios	9.5	6.1	3.9
51229	Other sound recording industries	3.3	3.1	1.0
513	Broadcasting and telecommunications	0.7	1.1	0.8
5131	Radio and television broadcasting	1.3	1.2	0.5
51311	Radio broadcasting	3.4	3.0	1.4
513111	Radio networks	3.4	4.0	1.0
513112	Radio stations	3.7	3.3	1.5
51312	Television broadcasting	1.3	1.3	0.4
5132	Cable networks and program distribution	1.2	1.0	0.8
51321	Cable networks	0.3	0.2	0.4
51322	Cable and other program distribution	1.8	1.5	1.1
5133	Telecommunications	1.0	1.5	1.0
51331	Wired telecommunications carriers	1.5	1.8	1.3
51332	Wireless telecommunications carriers (except satellite)	0.3	0.5	0.3
513321	Paging	3.5	6.3	3.2
513322	Cellular and other wireless telecommunications	0.3	0.4	0.2
51333	Telecommunications resellers	8.2	8.4	1.6
51334	Satellite telecommunications	5.1	^r 6.1	4.5
51339	Other telecommunications	8.7	^r 12.6	6.2
514	Information services and data processing services	2.5	2.1	0.9
5141	Information services	2.9	2.2	1.1
51411	News syndicates	1.2	1.1	0.4
51412	Libraries and archives	6.6	6.3	2.0
51419	Other information services	3.3	2.4	1.3
514191	On-line information services	3.5	2.7	1.3
514199	All other information services	3.6	^r 1.9	1.8
5142	Data processing services	3.2	2.9	1.2

¹Includes NAICS 51211 (motion picture and video production) and NAICS 51212 (motion picture and video distribution).

^rRevised.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.0.2. Information Sector Services (NAICS 51)—Estimated Coefficients of Variation for Revenue for Employer Firms: 2001 and 2002

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

NAICS code	Kind of business	2002	2001	Year to Year ratio 2002/2001
51	Information	0.6	^r0.7	0.4
511	Publishing industries	1.6	1.7	0.3
5111	Newspaper, periodical, book, database, and other publishers	0.7	0.7	0.4
51111	Newspaper publishers	0.7	^r 0.7	0.4
51112	Periodical publishers	1.3	1.3	0.5
51113	Book publishers	1.4	1.3	0.6
51114	Database and directory publishers	1.5	^r 1.7	0.4
51119	Other publishers	3.8	^r 4.4	2.6
511191	Greeting card publishers	3.7	^r 3.3	0.5
511199	All other publishers	6.2	7.9	4.6
5112	Software publishers	4.3	4.1	0.9
512	Motion picture and sound recording industries	2.3	2.8	0.8
5121	Motion picture and video	2.9	3.5	1.0
5121x	Motion picture and video production and distribution ¹	3.8	4.6	1.4
51213	Motion picture and video exhibition	4.7	4.5	1.8
51219	Postproduction services and other motion picture and video industries	14.7	^r 14.7	2.0
512191	Teleproduction and other postproduction services	14.5	^r 15.1	2.7
512199	Other motion picture and video industries	20.6	^r 19.0	6.1
5122	Sound recording	0.6	^r 0.4	0.3
51221	Record production	7.8	^r 10.7	2.5
51222	Integrated record production/distribution	0.2	0.2	0.2
51223	Music publishers	2.6	2.0	1.1
51224	Sound recording studios	11.2	7.3	4.6
51229	Other sound recording industries	3.5	3.3	1.1
513	Broadcasting and telecommunications	0.7	1.1	0.8
5131	Radio and television broadcasting	1.3	1.2	0.5
51311	Radio broadcasting	3.4	3.0	1.4
513111	Radio networks	3.4	4.1	1.0
513112	Radio stations	3.8	3.4	1.6
51312	Television broadcasting	1.3	1.3	0.4
5132	Cable networks and program distribution	1.2	1.0	0.8
51321	Cable networks	0.3	0.2	0.4
51322	Cable and other program distribution	1.8	1.5	1.1
5133	Telecommunications	1.0	1.5	1.0
51331	Wired telecommunications carriers	1.5	1.8	1.3
51332	Wireless telecommunications carriers (except satellite)	0.3	0.5	0.3
513321	Paging	3.6	6.5	3.3
513322	Cellular and other wireless telecommunications	0.3	0.4	0.2
51333	Telecommunications resellers	8.4	8.6	1.6
51334	Satellite telecommunications	5.2	^r 6.2	4.5
51339	Other telecommunications	9.4	^r 13.3	6.6
514	Information services and data processing services	2.6	^r 2.1	0.9
5141	Information services	3.1	2.3	1.2
51411	News syndicates	1.2	1.2	0.4
51412	Libraries and archives	7.4	^r 7.2	2.2
51419	Other information services	3.4	2.5	1.3
514191	On-line information services	3.6	2.8	1.4
514199	All other information services	3.7	^r 1.9	1.9
5142	Data processing services	3.2	3.0	1.2

¹Includes NAICS 51211 (motion picture and video production) and NAICS 51212 (motion picture and video distribution).

^rRevised.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.0.3. Information Sector Services (NAICS 51)—Estimated Coefficients of Variation for Export Revenue for Employer Firms: 2001 and 2002

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

NAICS code	Kind of business	2002	2001	Year to Year ratio 2002/2001
51	Information	3.1	^r4.0	2.2
511	Publishing industries	4.6	^r 3.6	2.3
5111	Newspaper, periodical, book, database, and other publishers	2.6	2.4	1.9
5112	Software publishers	5.5	^r 4.3	2.6
512	Motion picture and sound recording industries	3.6	3.6	1.3
5121	Motion picture and video	3.6	3.7	1.3
5122	Sound recording	1.8	^r 2.3	1.7
513	Broadcasting and telecommunications	11.2	^r 13.7	4.4
5131	Radio and television broadcasting	S	S	S
5132	Cable networks and program distribution	0.2	0.1	0.2
5133	Telecommunications	12.5	^r 15.5	4.8
514	Information services and data processing services	4.1	4.3	3.9
5141	Information services	8.3	6.7	3.4
5142	Data processing services	4.8	5.7	5.5

S Data do not meet publication standards because of high sampling variability or poor response quality.

^rRevised.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.1.1. Newspaper Publishers (NAICS 51111)—Estimated Coefficients of Variation for Revenue, Printing Expenses, and Inventories for Employer Firms: 2001 and 2002

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
REVENUE			
Total	0.7	^r 0.7	0.4
SOURCES OF REVENUE			
Newspapers, print, total	0.8	^r 0.6	0.4
Subscriptions and sales	1.7	^r 1.6	0.8
Advertising	0.8	^r 0.8	0.5
Newspapers, internet, total	15.4	^r 18.9	8.2
Subscriptions and sales	S	S	6.0
Advertising	10.3	^r 8.3	8.6
Newspapers, other media, total	9.4	^r 5.9	10.5
Subscriptions and sales	2.9	^r 6.6	3.3
Advertising	14.5	^r 5.8	16.3
Contract printing services	6.2	^r 6.2	2.2
Distribution of flyers, inserts, samples, etc.	4.0	^r 7.0	3.3
Graphic design services	S	S	S
Market research	3.6	^r 14.3	8.5
Archival sales services	7.2	^r 5.5	2.0
Sale or licensing of rights to content	18.4	^r 12.1	4.5
Rental or sale of mailing lists	S	^r 17.5	S
Non-newspaper publishing	7.7	^r 8.2	3.8
Publishing services for others	7.4	^r 9.3	9.6
Other services revenue	6.6	^r 9.0	2.4
BREAKDOWN OF REVENUE			
General newspapers	0.9	^r 0.7	0.5
Specialized newspapers	9.4	^r 8.9	6.5
EXPENSES			
Purchased printing	2.8	^r 2.8	2.3
INVENTORIES AT END OF YEAR			
Total	5.4	4.0	3.9
Finished goods and work-in-process	16.8	6.5	16.6
Materials, supplies, fuel, etc	5.0	4.3	2.7

S Data do not meet publication standards because of high sampling variability or poor response quality.

^rRevised.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.1.2. **Periodical Publishers (NAICS 51112)—Estimated Coefficients of Variation for Revenue, Printing Expenses, and Inventories for Employer Firms: 2001 and 2002**

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
REVENUE			
Total	1.3	1.3	0.5
SOURCES OF REVENUE			
Periodicals, print, total	1.6	1.5	0.5
Subscriptions and sales	2.3	^r 2.0	0.7
Advertising	2.4	^r 2.0	1.1
Periodicals, internet, total	8.7	^r 11.7	3.0
Subscriptions and sales	7.1	^r 5.9	3.0
Advertising	S	S	S
Periodicals, other media, total	2.3	^r 2.6	2.4
Subscriptions and sales	2.3	^r 1.9	2.0
Advertising	3.3	S	S
Contract printing services	6.5	6.3	5.3
Distribution of flyers, inserts, samples, etc.	14.1	^r 14.0	1.4
Graphic design services	S	S	S
Sale or licensing of rights to content	3.3	^r 2.0	^r 2.9
Rental or sale of mailing lists	3.8	^r 4.5	1.9
Publishing services for others	S	^r 17.4	S
Other services revenue	5.7	^r 5.6	3.5
BREAKDOWN OF REVENUE			
General interest periodicals	2.1	^r 1.9	0.7
Special interest periodicals	2.7	^r 2.6	1.0
EXPENSES			
Purchased printing	3.1	2.1	1.8
INVENTORIES AT END OF YEAR			
Total	4.2	^r 2.9	2.7
Finished goods and work-in-process	4.5	^r 2.8	3.4
Materials, supplies, fuel, etc	4.8	^r 3.7	1.5

S Data do not meet publication standards because of high sampling variability or poor response quality.

^rRevised.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.1.3. Book Publishers (NAICS 51113)—Estimated Coefficients of Variation for Revenue, Printing Expenses, and Inventories for Employer Firms: 2001 and 2002

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
REVENUE			
Total	1.4	1.3	0.6
SOURCES OF REVENUE			
Books, print, total	1.6	1.6	0.9
Books, internet, total	0.5	2.1	1.6
Books, other media, total	2.5	^r 3.4	3.2
Sale or licensing of rights to content	9.0	^r 17.1	16.7
Contract printing services	1.0	^r 14.0	6.3
Fulfillment services	11.3	^r 13.5	5.8
Rental or sale of mailing lists	4.9	S	S
Publishing services for others	19.8	^r 2.5	20.8
Other services revenue	5.2	^r 4.6	2.1
BREAKDOWN OF REVENUE			
Books, print, total	1.6	1.6	0.9
Textbooks	3.2	3.5	1.0
Children's books	6.7	^r 5.6	3.0
General reference books	5.3	^r 1.5	5.8
Professional, technical and scholarly books	2.5	^r 3.2	2.1
Adult trade books	5.7	^r 5.3	2.6
Other books	13.4	^r 14.7	21.9
Books, internet, total	0.5	2.1	1.6
Textbooks	1.1	^r 1.2	1.1
Children's books	S	S	S
General reference books	3.8	S	S
Professional, technical and scholarly books	0.3	^r 0.2	0.2
Adult trade books	2.9	^r 3.3	3.0
Other books	10.4	^r 10.9	10.0
Books, other media, total	2.5	^r 3.4	3.2
Textbooks	4.1	^r 4.9	1.4
Children's books	1.5	^r 8.2	4.7
General reference books	0.9	^r 1.7	0.7
Professional, technical and scholarly books	1.8	^r 6.9	0.7
Adult trade books	2.7	^r 3.1	2.5
Other books	19.5	2.9	20.9
EXPENSES			
Purchased printing	2.9	1.9	1.9
INVENTORIES AT END OF YEAR			
Total	3.2	3.2	1.4
Finished goods and work-in-process	3.2	^r 3.3	1.3
Materials, supplies, fuel, etc	5.6	^r 4.2	5.6

S Data do not meet publication standards because of high sampling variability or poor response quality.

^rRevised.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.1.4. **Database and Directory Publishers (NAICS 51114)—Estimated Coefficients of Variation for Revenue, Printing Expenses, and Inventories for Employer Firms: 2001 and 2002**

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
REVENUE			
Total	1.5	^r 1.7	0.4
SOURCES OF REVENUE			
Directories, databases, and other collections of information, print, total ...	1.0	^r 1.2	0.4
Subscriptions and sales	5.9	^r 6.8	4.8
Advertising	1.1	1.3	0.3
Directories, databases, and other collections of information, internet, total	8.9	^r 10.2	2.2
Subscriptions and sales	18.6	S	S
Advertising	0.8	^r 1.0	0.6
Directories, databases, and other collections of information, other media, total	1.2	1.7	1.1
Subscriptions and sales	1.2	^r 1.8	1.0
Advertising	9.9	S	S
Rental or sale of mailing lists	10.7	^r 11.4	3.1
Contract printing services	8.4	^r 8.8	5.3
Sale or licensing of rights to content	14.3	^r 17.3	6.6
Publishing services for others	1.0	^r 7.9	4.7
Other services revenue	5.3	^r 3.9	2.4
EXPENSES			
Purchased printing	1.9	1.9	1.4
INVENTORIES AT END OF YEAR			
Total	2.8	^r 3.3	1.1
Finished goods and work-in-process	2.9	3.5	1.1
Materials, supplies, fuel, etc	5.9	^r 5.7	4.3

S Data do not meet publication standards because of high sampling variability or poor response quality.

^rRevised.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.1.5. **Greeting Card Publishers (NAICS 511191)—Estimated Coefficients of Variation for Revenue, Printing Expenses, and Inventories for Employer Firms: 2001 and 2002**

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
REVENUE			
Total	3.7	[†] 3.3	0.5
SOURCES OF REVENUE			
Greeting card publishing	4.0	[†] 3.6	0.5
Other revenue	3.8	[†] 6.3	3.6
EXPENSES			
Purchased printing	9.8	[†] 8.5	2.5
INVENTORIES AT END OF YEAR			
Total	4.5	3.7	0.7
Finished goods and work-in-process	4.0	[†] 3.6	0.7
Materials, supplies, fuel, etc	6.9	[†] 4.9	3.1

[†]Revised.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.1.6. **All Other Publishers (NAICS 511199)—Estimated Coefficients of Variation for Revenue, Printing Expenses, and Inventories for Employer Firms: 2001 and 2002**

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
REVENUE			
Total	6.2	7.9	4.6
EXPENSES			
Purchased printing	S	S	S
INVENTORIES AT END OF YEAR			
Total	S	S	S
Finished goods and work-in-process	S	S	S
Materials, supplies, fuel, etc	S	S	S

S Data do not meet publication standards because of high sampling variability or poor response quality.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.1.7. **Software Publishers (NAICS 5112)—Estimated Coefficients of Variation for Revenue, Expenses, and Inventories for Employer Firms: 2001 and 2002**

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
REVENUE			
Total	4.3	4.1	0.9
SOURCES OF REVENUE			
System software publishing, total	4.8	ᵀ4.6	1.7
Operating systems software	5.4	ᵀ5.7	3.4
Network software	12.9	ᵀ11.2	2.7
Database management software	4.3	ᵀ4.5	3.2
Development tools and programming languages software	11.7	ᵀ14.3	8.6
Other systems software	3.3	ᵀ2.7	2.0
Application software publishing, total	5.8	ᵀ6.1	1.5
General business productivity and home use applications	4.7	4.1	2.3
Cross-industry application software	12.2	ᵀ12.9	2.4
Vertical market application software	17.2	ᵀ18.6	7.5
Utilities software	10.6	ᵀ14.1	2.6
Other application software	13.6	ᵀ2.7	15.7
Custom application design and development services	S	S	S
Customization and integration of packaged software	10.7	ᵀ10.4	3.6
Information technology consulting services	8.5	ᵀ7.9	3.0
Application service provisioning	S	S	S
Business process management services	S	S	S
Re-sale of computer hardware and software	S	S	S
Information technology related training services	9.0	ᵀ7.8	2.2
Other services revenue	11.5	ᵀ7.8	3.5
BREAKDOWN OF REVENUE			
System software publishing, total	4.8	ᵀ4.6	1.7
Personal computer software	4.3	ᵀ3.7	3.1
Enterprise software	7.1	ᵀ6.7	2.3
Mainframe computer software	6.6	6.2	1.2
Application software publishing, total	5.8	ᵀ6.1	1.5
Personal computer software	5.3	ᵀ4.8	2.6
Enterprise software	7.7	ᵀ8.2	2.7
Mainframe computer software	S	ᵀ19.5	S
EXPENSES			
Selected purchases, total	4.0	ᵀ3.3	2.8
Purchased printing	4.2	ᵀ4.3	2.5
Purchased software reproduction	3.9	ᵀ3.9	1.5
Purchased programming services	5.1	4.5	4.9
INVENTORIES AT END OF YEAR			
Total	3.7	ᵀ3.3	2.0
Finished goods and work-in-process	3.8	ᵀ3.7	2.3
Materials, supplies, fuel, etc	3.8	ᵀ3.0	2.1

S Data do not meet publication standards because of high sampling variability or poor response quality.

^rRevised.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.2.1. **Motion Picture and Sound Recording Industries (NAICS 512)—Estimated Coefficients of Variation for Revenue and Inventory Estimates for Employer Firms: 2001 and 2002**

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio 2002/2001
MOTION PICTURE AND SOUND RECORDING INDUSTRIES (NAICS 512)			
Operating Revenue	2.3	2.8	0.8
Total inventories	2.1	1.9	0.7
Finished goods and work-in-process	2.1	2.0	0.7
Materials, supplies, fuel, etc	14.8	^r 14.2	4.6
MOTION PICTURE AND VIDEO (NAICS 5121)			
Operating Revenue	2.9	3.5	1.0
Total inventories	2.1	2.0	0.7
Finished goods and work-in-process	2.2	2.0	0.7
Materials, supplies, fuel, etc	S	S	S
SOUND RECORDING¹ (NAICS 5122)			
Operating Revenue	0.6	^r 0.4	0.3
Total inventories	3.0	2.7	1.9
Finished goods and work-in-process	3.4	2.5	1.5
Materials, supplies, fuel, etc	4.9	^r 8.2	4.9

S Data do not meet publication standards because of high sampling variability or poor response quality.

^rRevised.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.1. Radio and Television Broadcasting (NAICS 5131)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2001 and 2002

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
OPERATING REVENUE			
Total	1.3	1.2	0.5
Station time sales	1.8	1.7	0.8
Network compensation	4.2	3.5	4.3
National/regional advertising	2.3	2.2	0.7
Local advertising revenue	1.8	1.7	1.1
Network time sales	1.3	1.2	0.3
Program rights	8.4	†2.4	8.4
Production and post-production services	7.6	S	S
Public and non-commercial programming services	11.1	†11.8	2.3
Other operating services revenue	2.4	†3.7	2.0
OPERATING EXPENSES¹			
Total	1.5	1.4	0.5
Annual payroll	2.0	1.8	0.7
Employer's contributions to employee benefit plans	2.3	2.1	1.2
Contract labor	3.5	NA	NA
Broadcast rights and music license fees	1.3	1.2	0.5
Depreciation	3.1	2.3	1.9
Lease and rental payments, total	2.3	†3.3	NA
Land, buildings, structures, store space, and offices	2.4	NA	NA
Machinery, equipment, and other items, excluding computer software ..	2.9	NA	NA
Purchased repair and maintenance, total	3.8	†3.1	3.0
Land, buildings, structures, store space, and offices	5.3	NA	NA
Machinery, equipment, and other items, excluding computer software ..	3.8	NA	NA
Purchased communications	2.7	NA	NA
Purchased utilities, total	2.6	NA	NA
Electricity	3.2	NA	NA
Other utilities	3.7	NA	NA
Purchased advertising	1.1	1.6	1.1
Purchased materials, parts, and supplies, total	3.5	NA	NA
Expensed computer related supplies	2.9	NA	NA
Other purchased supplies	4.3	NA	NA
Taxes and license fees	2.7	NA	NA
Purchased legal and accounting services	3.2	NA	NA
Purchased computer services	5.3	NA	NA
Management consulting services	4.9	NA	NA
Other operating expenses (including network compensation fees)	1.6	1.6	1.1

NA Not available. S Data do not meet publication standards because of high sampling variability or poor response quality.

[†]Revised.

¹ Due to the addition of detailed expense data to the 2002 Service Annual Survey, the 2002 expenses may not be comparable to 2001.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.2. Radio Broadcasting (NAICS 51311)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2001 and 2002

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
OPERATING REVENUE			
Total	3.4	3.0	1.4
Station time sales	3.5	3.1	1.7
Network compensation	10.9	6.0	8.0
National/regional advertising	4.6	3.8	2.4
Local advertising revenue	3.5	3.2	2.2
Network time sales	3.1	3.4	0.7
Program rights	8.7	2.2	8.5
Production and post-production services	11.4	S	S
Public and non-commercial programming services	S	S	S
Other operating services revenue	5.6	7.6	2.5
OPERATING EXPENSES ¹			
Total	3.7	3.2	1.3
Annual payroll	4.3	3.8	1.9
Employer's contributions to employee benefit plans	4.1	4.4	2.9
Contract labor	4.7	NA	NA
Broadcast rights and music license fees	2.9	3.5	2.5
Depreciation	4.7	3.5	2.6
Lease and rental payments, total	5.4	5.0	NA
Land, buildings, structures, store space, and offices	5.3	NA	NA
Machinery, equipment, and other items, excluding computer software ..	8.2	NA	NA
Purchased repair and maintenance, total	8.8	7.0	7.6
Land, buildings, structures, store space, and offices	12.6	NA	NA
Machinery, equipment, and other items, excluding computer software ..	9.1	NA	NA
Purchased communications	5.9	NA	NA
Purchased utilities, total	4.3	NA	NA
Electricity	4.5	NA	NA
Other utilities	8.2	NA	NA
Purchased advertising	2.8	3.9	2.7
Purchased materials, parts, and supplies, total	7.5	NA	NA
Expensed computer related supplies	8.5	NA	NA
Other purchased supplies	9.0	NA	NA
Taxes and license fees	6.1	NA	NA
Purchased legal and accounting services	6.1	NA	NA
Purchased computer services	8.3	NA	NA
Management consulting services	8.6	NA	NA
Other operating expenses (including network compensation fees)	3.3	3.3	1.8

NA Not available. S Data do not meet publication standards because of high sampling variability or poor response quality.

¹Revised.

¹ Due to the addition of detailed expense data to the 2002 Service Annual Survey, the 2002 expenses may not be comparable to 2001.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.3. Television Broadcasting (NAICS 51312)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2001 and 2002

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
OPERATING REVENUE			
Total	1.3	1.3	0.4
Station time sales	2.0	2.1	0.6
Network compensation	5.5	4.4	4.8
National/regional advertising	2.6	2.4	0.7
Local advertising revenue	2.0	2.2	0.7
Network time sales	1.4	1.2	0.3
Program rights	S	S	S
Production and post-production services	10.1	S	S
Public and non-commercial programming services	15.8	^r 15.7	4.4
Other operating services revenue	2.1	^r 4.9	3.0
OPERATING EXPENSES¹			
Total	1.5	1.5	0.5
Annual payroll	1.9	1.9	0.5
Employer's contributions to employee benefit plans	2.3	2.1	0.9
Contract labor	3.1	NA	NA
Broadcast rights and music license fees	1.4	1.2	0.4
Depreciation	4.0	^r 2.4	2.5
Lease and rental payments, total	1.6	^r 4.6	NA
Land, buildings, structures, store space, and offices	1.7	NA	NA
Machinery, equipment, and other items, excluding computer software ..	3.0	NA	NA
Purchased repair and maintenance, total	2.3	^r 3.8	2.1
Land, buildings, structures, store space, and offices	2.4	NA	NA
Machinery, equipment, and other items, excluding computer software ..	3.6	NA	NA
Purchased communications	2.8	NA	NA
Purchased utilities, total	3.5	NA	NA
Electricity	4.0	NA	NA
Other utilities	2.8	NA	NA
Purchased advertising	1.1	1.1	0.6
Purchased materials, parts, and supplies, total	2.9	NA	NA
Expensed computer related supplies	2.0	NA	NA
Other purchased supplies	3.8	NA	NA
Taxes and license fees	2.3	NA	NA
Purchased legal and accounting services	4.2	NA	NA
Purchased computer services	6.3	NA	NA
Management consulting services	2.5	NA	NA
Other operating expenses (including network compensation fees)	1.7	2.4	1.1

NA Not available. S Data do not meet publication standards because of high sampling variability or poor response quality.

^rRevised.

¹ Due to the addition of detailed expense data to the 2002 Service Annual Survey, the 2002 expenses may not be comparable to 2001.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.4. Cable Networks and Program Distribution (NAICS 5132)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2001 and 2002

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
OPERATING REVENUE			
Total	1.2	1.0	0.8
Air time (advertising)	0.4	0.3	0.3
Specialty programming service	0.3	0.2	0.4
Basic programming package	1.9	1.6	1.2
Premium cable programming packages	1.9	1.7	1.1
Pay-per-view service	1.3	0.9	1.0
Program distribution installation services	4.8	5.9	1.5
Program distribution equipment sales and rentals	1.6	1.0	1.3
Other program distribution related services	1.5	2.7	2.3
Internet access services	1.7	0.6	1.2
Basic fixed local telephony	1.1	2.1	1.9
Basic fixed long-distance	1.6	4.4	2.9
Other communication services	3.5	7.4	4.6
Other operating revenue	1.3	1.2	0.9
OPERATING EXPENSES ¹			
Total	1.4	1.3	0.9
Annual payroll	1.4	1.6	1.0
Employer's contributions to employee benefit plans	1.3	1.8	1.4
Contract labor	2.6	NA	NA
Program and production costs	1.2	1.1	0.7
Depreciation	1.8	1.5	1.1
Lease and rental payments, total	1.6	2.0	NA
Land, buildings, structures, store space, and offices	2.0	NA	NA
Machinery, equipment, and other items, excluding computer software ..	1.3	NA	NA
Purchased repair and maintenance, total	1.8	2.4	2.0
Land, buildings, structures, store space, and offices	1.8	NA	NA
Machinery, equipment, and other items, excluding computer software ..	2.2	NA	NA
Purchased communications	3.0	NA	NA
Purchased utilities, total	2.5	NA	NA
Electricity	3.1	NA	NA
Other utilities	1.2	NA	NA
Purchased advertising	0.8	0.4	0.8
Purchased materials, parts, and supplies, total	1.7	NA	NA
Expensed computer related supplies	1.1	NA	NA
Other purchased supplies	2.5	NA	NA
Taxes and license fees	1.9	NA	NA
Purchased legal and accounting services	1.6	NA	NA
Purchased computer services	3.0	NA	NA
Management consulting services	2.4	NA	NA
Other operating expenses	1.5	1.3	1.0

NA Not available.

¹Revised.

¹ Due to the addition of detailed expense data to the 2002 Service Annual Survey, the 2002 expenses may not be comparable to 2001.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.5. Cable Networks (NAICS 51321)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2001 and 2002

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
OPERATING REVENUE			
Total	0.3	0.2	0.4
Air time (advertising)	0.3	0.2	0.3
Specialty programming service	0.3	0.2	0.4
Other operating revenue	1.1	1.3	0.9
OPERATING EXPENSES ¹			
Total	0.4	0.2	0.4
Annual payroll	0.6	0.5	0.6
Employer's contributions to employee benefit plans	0.3	0.4	0.4
Contract labor	1.1	NA	NA
Program and production costs	0.3	0.2	0.3
Depreciation	0.6	0.4	0.7
Lease and rental payments, total	0.3	0.3	NA
Land, buildings, structures, store space, and offices	0.4	NA	NA
Machinery, equipment, and other items, excluding computer software ..	0.4	NA	NA
Purchased repair and maintenance, total	0.3	0.2	0.4
Land, buildings, structures, store space, and offices	0.3	NA	NA
Machinery, equipment, and other items, excluding computer software ..	0.4	NA	NA
Purchased communications	6.4	NA	NA
Purchased utilities, total	0.4	NA	NA
Electricity	0.4	NA	NA
Other utilities	1.0	NA	NA
Purchased advertising	0.3	0.2	0.3
Purchased materials, parts, and supplies, total	0.9	NA	NA
Expensed computer related supplies	0.5	NA	NA
Other purchased supplies	1.9	NA	NA
Taxes and license fees	0.5	NA	NA
Purchased legal and accounting services	1.3	NA	NA
Purchased computer services	1.0	NA	NA
Management consulting services	1.0	NA	NA
Other operating expenses	0.6	0.3	0.5

NA Not available.

¹Revised.

¹ Due to the addition of detailed expense data to the 2002 Service Annual Survey, the 2002 expenses may not be comparable to 2001.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.6. **Cable and Other Program Distribution (NAICS 51322)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2001 and 2002**

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
OPERATING REVENUE			
Total	1.8	1.5	1.1
Air time (advertising)	1.5	1.2	1.2
Basic programming package	1.9	1.6	1.2
Premium cable programming packages	1.9	1.7	1.1
Pay-per-view service	1.3	0.9	1.0
Program distribution installation services	5.1	6.3	1.6
Program distribution equipment sales and rentals	1.6	1.0	NA
Other program distribution related services	1.6	2.8	2.4
Internet access services	1.7	0.6	1.2
Basic fixed local telephony	1.1	2.1	1.9
Basic fixed long-distance	1.6	4.4	2.9
Other communication services	3.8	7.3	3.5
Other operating revenue	2.0	1.7	1.3
OPERATING EXPENSES ¹			
Total	1.8	1.7	1.2
Annual payroll	1.8	2.0	1.3
Employer's contributions to employee benefit plans	1.7	2.2	1.7
Contract labor	3.0	NA	NA
Program and production costs	2.0	1.7	1.2
Depreciation	1.9	1.5	1.1
Lease and rental payments, total	2.5	2.8	NA
Land, buildings, structures, store space, and offices	3.1	NA	NA
Machinery, equipment, and other items, excluding computer software ..	1.9	NA	NA
Purchased repair and maintenance, total	2.4	2.9	2.5
Land, buildings, structures, store space, and offices	3.4	NA	NA
Machinery, equipment, and other items, excluding computer software ..	2.5	NA	NA
Purchased communications	3.3	NA	NA
Purchased utilities, total	2.7	NA	NA
Electricity	3.2	NA	NA
Other utilities	1.2	NA	NA
Purchased advertising	1.4	0.8	1.5
Purchased materials, parts, and supplies, total	2.2	NA	NA
Expensed computer related supplies	1.4	NA	NA
Other purchased supplies	3.0	NA	NA
Taxes and license fees	2.1	NA	NA
Purchased legal and accounting services	1.9	NA	NA
Purchased computer services	3.1	NA	NA
Management consulting services	3.2	NA	NA
Other operating expenses	1.9	1.7	1.2

NA Not available.

¹ Due to the addition of detailed expense data to the 2002 Service Annual Survey, the 2002 expenses may not be comparable to 2001.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.7. **Cable and Other Program Distribution (NAICS 51322)—Estimated Coefficients of Variation for Cable System and Multichannel Video Distribution Revenue by Type of Customer for Employer Firms: 2001 and 2002**

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	Total	Type of customer		
		Residential	Business	Public
CABLE SYSTEMS AND MULTICHANNEL VIDEO DISTRIBUTION REVENUE				
Millions of Dollars				
2002	1.9	1.8	2.6	S
2001	1.6	1.6	1.8	S
Year-to-Year Ratio				
2002/2001	1.1	1.1	1.6	S

S Data do not meet publication standards because of high sampling variability or poor response quality.

Table A-3.3.8. Telecommunications (NAICS 5133)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2001 and 2002

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
OPERATING REVENUE			
Total	1.0	1.5	1.0
Fixed total	1.3	1.9	1.3
Fixed local	1.8	2.5	1.4
Basic service	1.9	2.5	1.4
Fixed value-added services	2.3	2.7	2.1
Fixed long-distance	2.2	2.0	1.5
Outbound service	2.5	2.2	1.7
Inbound service	1.2	1.6	1.0
Fixed all distance	6.5	4.0	7.0
Dedicated network services	1.7	5.4	3.6
Data transmission services	1.5	1.9	1.0
Mobile total	0.5	0.7	0.4
Mobile telephony services	0.5	0.7	0.3
Local access and use	0.5	0.4	0.4
Mobile value-added services	0.9	0.5	0.8
Mobile long-distance	0.9	1.0	0.5
Mobile all distance	0.8	1.2	0.6
Dedicated network services	S	S	S
Other mobile telephony revenue	2.1	4.6	2.7
Messaging services	3.1	5.5	2.9
Mobile dispatch services	10.0	8.0	2.7
Carrier services	2.0	2.2	1.3
Network access	2.3	2.7	1.3
Other carrier services	8.3	11.0	2.7
Other telecommunications services	2.9	3.2	2.5
Internet backbone services	6.4	3.6	5.3
Internet access services	8.0	12.5	5.4
Multichannel programming distribution services	S	S	S
Other telecommunications related services	2.8	1.5	NA
Other services revenue	2.8	3.2	3.0
Telecommunications network installation services	4.4	5.2	5.8
Telecommunications equipment sales	2.4	1.9	1.7
Telecommunications equipment rental	12.7	9.9	3.7
Telecommunications equipment maintenance	10.8	7.4	5.4
Network design and development services, other than security	S	1.1	S
Sales of directory advertising space	4.0	3.6	3.1
Other revenue	3.5	3.9	3.2
OPERATING EXPENSES ¹			
Total	0.5	1.1	1.0
Annual payroll	0.7	1.7	1.3
Employer's contributions to employee benefit plans	1.1	1.4	1.1
Contract labor	2.3	NA	NA
Access charges	2.1	3.8	2.7
Depreciation	0.9	2.1	1.4
Lease and rental payments, total	1.2	1.2	NA
Land, buildings, structures, store space, and offices	1.6	NA	NA
Machinery, equipment, and other items, excluding computer software ..	3.2	NA	NA
Purchased repair and maintenance, total	2.2	1.4	2.1
Land, buildings, structures, store space, and offices	3.5	NA	NA
Machinery, equipment, and other items, excluding computer software ..	1.7	NA	NA
Purchased communications	13.9	NA	NA
Purchased utilities, total	0.9	NA	NA
Electricity	1.0	NA	NA
Other utilities	0.8	NA	NA
Purchased advertising	1.0	0.8	1.0
Universal service contributions and other similar charges	1.4	1.4	0.7

See footnotes at end of table.

Table A-3.3.8. **Telecommunications (NAICS 5133)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2001 and 2002—Con.**

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents.]

Item	2002	2001	Year to Year ratio
			2002/2001
Purchased materials, parts, and supplies, total	1.9	NA	NA
Expensed computer related supplies	2.1	NA	NA
Other purchased supplies	3.3	NA	NA
Taxes and license fees	0.9	NA	NA
Purchased legal and accounting services	2.3	NA	NA
Purchased computer services	2.5	NA	NA
Management consulting services	7.7	NA	NA
Other operating expenses	0.7	1.0	0.7

NA Not available. S Data do not meet publication standards because of high sampling variability or poor response quality.

^rRevised.

¹ Due to the addition of detailed expense data to the 2002 Service Annual Survey, the 2002 expenses may not be comparable to 2001.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.9. Telecommunications (NAICS 5133)—Estimated Coefficients of Variation for Local, Long-Distance, and Network Access Revenue by Type of Customer and Type of Service for Employer Firms: 2001 and 2002

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	Total	Type of customer			Type of service		
		Residential	Business	Public	Intrastate	Interstate	International
LOCAL SERVICE							
Millions of Dollars							
2002	1.8	1.3	3.8	S	1.9	S	X
2001	'2.5	3.4	'3.7	'1.8	2.5	'2.0	X
Year-to-Year Ratio							
2002/2001	1.4	1.8	1.3	S	1.4	S	X
LONG-DISTANCE SERVICE							
Millions of Dollars							
2002	2.2	4.4	1.7	S	3.1	2.1	1.5
2001	'2.0	'3.6	2.5	'7.2	2.1	'2.3	'8.9
Year-to-Year Ratio							
2002/2001	1.5	2.2	1.6	S	2.9	2.5	4.1
NETWORK ACCESS							
Millions of Dollars							
2002	2.3	S	2.2	S	3.0	2.3	S
2001	'2.7	'6.0	'2.2	2.4	'2.8	2.9	5.2
Year-to-Year Ratio							
2002/2001	1.3	S	0.7	S	1.3	1.7	S

S Data do not meet publication standards because of high sampling variability or poor response quality. X Not applicable.

'Revised.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.10. Wired Telecommunications Carriers (NAICS 51331)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2001 and 2002

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
OPERATING REVENUE			
Total	1.5	1.8	1.3
Fixed total	1.4	1.7	1.2
Fixed local	1.9	2.5	1.4
Basic service	1.9	2.5	1.4
Fixed value-added services	2.3	2.7	2.1
Fixed long-distance	2.3	2.0	1.6
Outbound service	2.6	2.2	1.8
Inbound service	1.0	1.3	1.0
Fixed all distance	5.5	4.2	5.1
Dedicated network services	1.8	2.1	1.4
Data transmission services	1.6	2.1	1.0
Mobile total	11.6	16.3	6.5
Carrier services	2.2	2.6	1.4
Network access	2.5	2.9	1.4
Other carrier services	12.0	19.4	3.5
Other telecommunications services	4.9	6.0	4.7
Internet backbone services	6.7	3.7	5.3
Internet access services	5.1	14.2	5.0
Multichannel programming distribution services	S	S	S
Other telecommunications related services	11.1	4.6	4.2
Other services revenue	3.4	4.0	3.9
Telecommunications network installation services	4.9	4.8	6.0
Telecommunications equipment sales	5.4	5.7	4.7
Telecommunications equipment rental	14.2	10.9	4.3
Telecommunications equipment maintenance	11.7	7.7	6.1
Network design and development services, other than security	0.9	0.9	NA
Sales of directory advertising space	5.0	4.0	3.2
Other revenue	3.3	4.0	3.6
OPERATING EXPENSES ¹			
Total	0.7	1.5	1.3
Annual payroll	1.0	2.1	1.6
Employer's contributions to employee benefit plans	1.3	1.7	1.5
Contract labor	4.6	NA	NA
Access charges	2.7	4.9	3.3
Depreciation	1.5	2.9	1.9
Lease and rental payments, total	2.1	1.9	NA
Land, buildings, structures, store space, and offices	2.8	NA	NA
Machinery, equipment, and other items, excluding computer software ..	4.5	NA	NA
Purchased repair and maintenance, total	2.9	1.7	2.5
Land, buildings, structures, store space, and offices	4.4	NA	NA
Machinery, equipment, and other items, excluding computer software ..	2.5	NA	NA
Purchased communications	18.5	NA	NA
Purchased utilities, total	1.0	NA	NA
Electricity	1.0	NA	NA
Other utilities	1.1	NA	NA
Purchased advertising	1.9	1.3	2.2
Universal service contributions and other similar charges	1.5	1.6	0.8
Purchased materials, parts, and supplies, total	2.7	NA	NA
Expensed computer related supplies	1.0	NA	NA
Other purchased supplies	7.9	NA	NA
Taxes and license fees	1.1	NA	NA
Purchased legal and accounting services	3.0	NA	NA
Purchased computer services	4.4	NA	NA
Management consulting services	11.2	NA	NA
Other operating expenses	1.1	1.5	1.0

NA Not available. S Data do not meet publication standards because of high sampling variability or poor response quality.

[†]Revised.

¹ Due to the addition of detailed expense data to the 2002 Service Annual Survey, the 2002 expenses may not be comparable to 2001.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.11. **Wired Telecommunications Carriers (NAICS 51331)—Estimated Coefficients of Variation for Local, Long-Distance, and Network Access Revenue by Type of Customer and Type of Service for Employer Firms: 2001 and 2002**

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	Total	Type of customer			Type of service		
		Residential	Business	Public	Intrastate	Interstate	International
LOCAL SERVICE							
Millions of Dollars							
2002	1.9	1.3	3.9	1.4	1.9	S	X
2001	'2.5	3.4	'3.8	'1.8	'2.6	'2.1	X
Year-to-Year Ratio							
2002/2001	1.4	1.9	1.4	1.2	1.4	S	X
LONG-DISTANCE SERVICE							
Millions of Dollars							
2002	2.3	4.5	1.8	S	3.2	2.2	1.4
2001	'2.0	'3.7	'2.6	'7.4	2.1	'2.2	'9.1
Year-to-Year Ratio							
2002/2001	1.6	2.3	1.6	S	3.1	2.6	4.2
NETWORK ACCESS							
Millions of Dollars							
2002	2.5	S	2.4	S	3.3	2.4	S
2001	2.9	'6.2	2.4	2.4	3.2	3.0	4.8
Year-to-Year Ratio							
2002/2001	1.4	S	0.7	S	1.4	1.8	S

S Data do not meet publication standards because of high sampling variability or poor response quality. X Not applicable.

'Revised.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

**Table A-3.3.12. Wireless Telecommunications Carriers (except Satellite)
(NAICS 51332)—Estimated Coefficients of Variations for Revenue and Expenses
for Employer Firms: 2001 and 2002**

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
OPERATING REVENUE			
Total	0.3	0.5	0.3
Mobile total	0.3	0.5	0.4
Mobile telephony services	0.3	0.4	0.3
Local access and use	0.3	0.4	0.3
Mobile value-added services	0.3	0.5	NA
Mobile long-distance	0.9	0.9	0.4
Mobile all distance	0.2	0.5	NA
Dedicated network services	S	S	S
Other mobile telephony revenue	0.9	0.1	0.8
Messaging services	3.1	5.9	2.9
Mobile dispatch services	10.2	7.9	3.2
Carrier services	0.5	0.9	NA
Network access	1.2	1.9	1.2
Other carrier services	0.3	0.5	NA
Other telecommunications services	3.2	0.6	NA
Other services revenue	1.7	1.8	1.2
OPERATING EXPENSES ¹			
Total	0.4	0.5	0.4
Annual payroll	0.8	1.1	0.8
Employer's contributions to employee benefit plans	0.9	0.9	0.8
Contract labor	1.3	NA	NA
Access charges	0.4	0.4	0.2
Depreciation	0.4	0.5	0.4
Lease and rental payments, total	0.9	0.9	NA
Land, buildings, structures, store space, and offices	1.0	NA	NA
Machinery, equipment, and other items, excluding computer software ..	1.2	NA	NA
Purchased repair and maintenance, total	1.0	3.8	2.6
Land, buildings, structures, store space, and offices	1.0	NA	NA
Machinery, equipment, and other items, excluding computer software ..	1.5	NA	NA
Purchased communications	1.0	NA	NA
Purchased utilities, total	0.4	NA	NA
Electricity	1.2	NA	NA
Other utilities	0.3	NA	NA
Purchased advertising	0.9	0.8	0.4
Universal service contributions and other similar charges	1.0	1.0	0.7
Purchased materials, parts, and supplies, total	2.3	NA	NA
Expensed computer related supplies	13.5	NA	NA
Other purchased supplies	0.9	NA	NA
Taxes and license fees	1.1	NA	NA
Purchased legal and accounting services	2.3	NA	NA
Purchased computer services	2.4	NA	NA
Management consulting services	2.5	NA	NA
Other operating expenses	0.3	0.5	0.4

NA Not available. S Data do not meet publication standards because of high sampling variability or poor response quality.

'Revised.

¹ Due to the addition of detailed expense data to the 2002 Service Annual Survey, the 2002 expenses may not be comparable to 2001.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.3.13. Telecommunications Resellers (NAICS 51333)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2001 and 2002

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
OPERATING REVENUE			
Total	8.4	8.6	1.6
Fixed total	9.5	8.7	1.9
Fixed local	9.2	9.4	2.7
Fixed long-distance	8.7	10.5	3.4
Fixed all distance	S	S	S
Dedicated network services	7.9	7.7	1.3
Data transmission services	7.4	6.9	1.1
Mobile total	S	S	S
Carrier services	6.4	7.5	9.4
Other telecommunications services	S	S	S
Other services revenue	S	S	S
OPERATING EXPENSES ¹			
Total	8.6	8.0	1.9
Annual payroll	9.2	9.7	1.4
Employer's contributions to employee benefit plans	S	8.9	S
Contract labor	S	NA	NA
Access charges	S	8.0	S
Depreciation	S	7.3	S
Lease and rental payments, total	S	S	S
Land, buildings, structures, store space, and offices	S	NA	NA
Machinery, equipment, and other items, excluding computer software ..	S	NA	NA
Purchased repair and maintenance, total	S	13.0	S
Land, buildings, structures, store space, and offices	S	NA	NA
Machinery, equipment, and other items, excluding computer software ..	S	NA	NA
Purchased communications	S	NA	NA
Purchased utilities, total	S	NA	NA
Electricity	S	NA	NA
Other utilities	S	NA	NA
Purchased advertising	S	12.5	S
Universal service contributions and other similar charges	S	S	S
Purchased materials, parts, and supplies, total	S	NA	NA
Expensed computer related supplies	S	NA	NA
Other purchased supplies	S	NA	NA
Taxes and license fees	S	NA	NA
Purchased legal and accounting services	S	NA	NA
Purchased computer services	S	NA	NA
Management consulting services	S	NA	NA
Other operating expenses	S	S	S

NA Not available. S Data do not meet publication standards because of high sampling variability or poor response quality.

^rRevised.

¹ Due to the addition of detailed expense data to the 2002 Service Annual Survey, the 2002 expenses may not be comparable to 2001.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.4.1. **News Syndicates (NAICS 51411) and Libraries and Archives (NAICS 51412)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2001 and 2002**

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
NEWS SYNDICATES (NAICS 51411)			
Revenue			
Total	1.2	1.2	0.4
Sources of Revenue			
Fees from supplying information	1.2	1.3	0.7
Other services revenue	2.8	³3.4	3.8
LIBRARIES AND ARCHIVES (NAICS 51412)			
Revenue			
Total	7.4	¹7.2	2.2
Sources of Revenue			
Subsidies, contributions, gifts, and grants	7.4	¹7.2	3.1
Fees from educational workshops and seminars	S	S	S
Fees and dues from providing access to collections	15.8	¹14.7	4.3
Sale of books and other educational materials	S	S	S
Other services revenue	15.5	¹13.9	5.2
Expenses			
Total	7.6	¹7.3	1.8

S Data do not meet publication standards because of high sampling variability or poor response quality.

^rRevised.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.4.2. Online Information Services (NAICS 514191) and All Other Information Services (NAICS 514199)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2001 and 2002

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
ON-LINE INFORMATION SERVICES (NAICS 514191)			
Revenue			
Total	3.6	2.8	1.4
Sources of Revenue			
Internet access services	3.7	↑2.7	1.4
Advertising	14.3	↑6.4	7.3
Web site hosting	6.1	↑9.0	6.8
Internet backbone services	S	S	S
Internet telecommunications services	13.2	↑11.8	7.9
Information technology consulting services	16.0	↑12.7	10.2
Information technology design and development	S	S	S
Application service provisioning	S	S	S
Business process management	S	S	S
Video and audio streaming services	S	S	S
Other services revenue	5.1	↑4.4	2.2
Expenses			
Internet network connectivity	6.0	↑3.5	3.2
ALL OTHER INFORMATION SERVICES¹ (NAICS 514199)			
Revenue			
Total	3.7	↑1.9	1.9
Sources of Revenue			
Advertising	7.3	↑2.5	3.8
Web site hosting	S	S	S
Internet access services	S	S	S
Internet telecommunications services	S	S	S
Information search services	5.1	2.8	2.0
Newspaper clipping services	S	S	S
Stock photo services	0.9	0.5	1.0
Video and audio streaming services	4.3	S	S
Other services revenue	13.7	11.8	5.4

S Data do not meet publication standards because of high sampling variability or poor response quality.

^rRevised.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-3.4.3. **On-Line Information Services (NAICS 514191)—Estimated Coefficients of Variation for Internet Access Service Revenue by Type of Customer for Employer Firms: 2001 and 2002**

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	Total	Type of customer		
		Residential	Business	Public
INTERNET ACCESS SERVICE REVENUE				
Millions of Dollars				
2002	3.7	3.4	5.3	S
2001	^r 2.7	^r 2.8	^r 4.4	S
Year-to-Year Ratio				
2002/2001	1.4	1.4	3.7	S

S Data do not meet publication standards because of high sampling variability or poor response quality.

^rRevised.

Table A-3.4.4. **Data Processing Services (NAICS 5142)—Estimated Coefficients of Variation for Revenue and Expenses for Employer Firms: 2001 and 2002**

[Estimates are based on data from the 2002 Service Annual Survey and administrative data and are published as percents]

Item	2002	2001	Year to Year ratio
			2002/2001
DATA PROCESSING SERVICES (NAICS 5142)			
Revenue			
Total	3.2	3.0	1.2
Sources of Revenue			
Business process management	4.3	↑3.8	2.6
Information and document transformation	S	↑19.6	S
Information technology design and development	2.8	↑3.5	2.2
Data storage services	3.6	↑2.5	4.0
Data management services	5.2	↑4.4	5.5
Collocation services	S	S	S
Information technology consulting services	S	S	S
Web site hosting	S	↑16.7	S
Software publishing	2.8	↑2.5	1.0
Rental and leasing of computer hardware	19.2	S	S
Application service provisioning	13.7	↑12.7	1.4
Video and audio streaming services	2.5	↑2.6	0.9
Other services revenue	5.8	↑4.3	2.1

S Data do not meet publication standards because of high sampling variability or poor response quality.

^rRevised.

Note: The introduction and appendices give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.